

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F12/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|---|
| X | US 5 784 699 A (MCMAHON ET AL) 21 July 1998 (1998-07-21) | 1, 2, 6-9, 11-16, 27-40, 44-47 |
| Y | column 2, line 66 - column 33, line 67 | 19-25 |
| A | column 5, line 22 - line 39 | 3-5, 10, 17-26 |
| | column 7, line 5 - column 8, line 8 | |
| | column 11, line 13 - line 39 | |
| | ----- -/-- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

5 October 2005

Date of mailing of the international search report

13/10/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Nielsen, O

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-------------------------------|
| X | BOZMAN G ET AL: "Analysis of free-storage algorithms-revisited" IBM SYSTEMS JOURNAL, IBM CORP. ARMONK, NEW YORK, US, vol. 23, no. 1, 1984, pages 44-64, XP002214576 ISSN: 0018-8670 | 1-8,17, 18,39, 40,44-47 |
| Y | page 54, right-hand column, line 21 - line 50 ----- | 19-25 |
| X | OGASAWARA T: "An algorithm with constant execution time for dynamic storage allocation" REAL-TIME COMPUTING SYSTEMS AND APPLICATIONS, 1995. PROCEEDINGS., SECOND INTERNATIONAL WORKSHOP ON TOKYO, JAPAN 25-27 OCT. 1995, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 25 October 1995 (1995-10-25), pages 21-25, XP010196652 ISBN: 0-8186-7106-8 page 23, left-hand column, line 53 - right-hand column, line 46 ----- | 1,2,6,7, 27-34, 38-47 |

INTERNATIONAL SEARCH REPORT

PCT/EP2005/001480

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| US 5784699 | A | 21-07-1998 | NONE |